

Form PTO-1449 (REV. 8-83) US Dept. of Commerce PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)			ATTY DOCKET NO. 040342.01	APPLICATION NO. Rule 53(b) Divisional Application of U.S. Application No. 09/027,469 Filed February 23, 1998		
			APPLICANT Masao MURADE			
			FILING DATE March 19, 2001			
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
11		5,432,625	7/1995	MORIN et al.		
/		5,724,107	3/1998	NISHIKAWA et al.		
/		4,759,610	7/1988	Yangisawa		
/		5,929,948	7/1999	Ohori et al.		
/		4,821,092	4/1989	Noguchi		
/		4,687,298	8/1987	Aoki et al.		
/		5,128,786	7/1992	Yangisawa		
✓		4,948,231	7/1988	Aoki et al.		
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
11		A-3-52611	3-1991	Japan		
/		8-101400	4/1996	Japan		
/		0 481 734 A2	4/1992	Europe		
/		0 534 426 A2	9/1992	Europe		
/		0 725 301 A1	8/1996	Europe		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
EXAMINER					DATE CONSIDERED	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					06/04/01	

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09/810615  
03/19/01

**EXAMINER**

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Sheet 1 of 1

Form PTO-1449  
(REV. 8-83)

US Dept. of Commerce  
PATENT & TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY DOCKET NO.  
040342.02

APPLICATION NO.  
09/810,615

APPLICANT(S)  
Masao MURADE

FILING DATE  
March 19, 2001

GROUP  
2871

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
77	05-181159 and Abstract	7/1993	Japan		
1	07-131030 and Abstract	5/1995	Japan		
L	08-328034 and Abstract	12/1996	Japan		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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U.S. PATENT & TRADEMARK OFFICE


EXAMINER

*[Signature]*

DATE CONSIDERED

*06/24/03*

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Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 040342.02	APPLICATION NO. 09/810,615	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT Masao MURADE		
		FILING DATE March 19, 2001		GROUP 2871		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
<i>M</i>		5,745,202	04-1998	Yamauchi et al.		
		6,327,006	12-2001	Sato et al.		
		6,097,457	08-2000	Kim et al.		
		6,175,395	01-2001	Yamazaki et al.		
		5,754,261	05-1998	Lyu		
		5,574,292	11-1996	Takahashi et al.		
		5,966,193	10-1999	Zhang et al.		
		5,811,866	09-1998	Hirata		
<i>C</i>		6,483,560	11-2002	Iida et al.		
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
EXAMINER <i>T. L.</i>					DATE CONSIDERED <i>06/14/03</i>	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						